



## National Agricultural Statistics Service, Pennsylvania Field Office

2301 North Cameron Street, Room G-19  
Harrisburg, PA 17110-9405  
Marc Tosiano, Director

717-787-3904

Fax: 717-782-4011

nass-pa@nass.usda.gov

www.nass.usda.gov

USDA in cooperation with the PA Department of Agriculture - - - - providing timely, accurate, and useful statistics in service to U.S. agriculture

# Results of the 2005 Floriculture Survey

For the complete report with many more details, search on the keyword 'floriculture' at [www.nass.usda.gov](http://www.nass.usda.gov)

The 2005 wholesale value of sales by commercial flower and foliage producers in Pennsylvania totaled \$174.3 million, down 6 percent from 2004. Pennsylvania ranked seventh nationally in wholesale sales of floriculture crops.

The wholesale value of cut flowers sold in 2005 totaled \$2.1 million, down \$0.4 million from 2004. The value of sales at wholesale of potted flowering plants was \$39.4 million, down \$1.7 million from 2004. Pennsylvania ranked sixth nationally for the value of sales at wholesale of potted flowering plants. Sales of foliage plants for indoor or patio use were \$3.7, down slightly from 2004. Sales of all bedding and garden plants in flats, pots and

baskets totaled \$78.6 million, down \$6.8 million from 2004.

The total covered growing area for Pennsylvania in 2005 was 22.7 million square feet, down 1 percent from 2004. The types of covered growing area were: glass greenhouses, 3.8 million square feet; fiberglass and other rigid greenhouses, 2.5 million square feet; film plastic (single/multi) greenhouses, 15.9 million square feet; and shade and temporary cover, 482,000 square feet. Growers also used 633 acres of open ground in 2005. There were 811 growers in 2005, compared to 865 growers in 2004.

Pennsylvania: Number of Growers,  
Reported Gross Value of Sales, 2004-2005

Value of Sales	2004	2005
	<i>Number</i>	
\$10,000 - \$19,999	123	121
\$20,000 - \$39,999	164	143
\$40,000 - \$49,999	69	60
\$50,000 - \$99,999	281	257
\$100,000 - \$499,999	176	179
\$500,000 or More	52	51
TOTAL	865	811
	<i>1,000 Dollars</i>	
Expanded wholesale value <sup>1</sup>	185,715	174,334

<sup>1</sup> Wholesale value of sales as reported by growers with \$100,000 or more in sales of floriculture crops plus a calculated wholesale value of sales for growers with sales below \$100,000. The value of sales for growers below the \$100,000 level was estimated by multiplying the number of growers in each size group by the mid-point of each dollar value range.

Pennsylvania: Growing Area by Type of Cover,  
All Operations with \$10,000+ Sales, 2004-2005

Type of Cover	2004	2005
	<i>Number</i>	
Total number of growers	865	811
	<i>1,000 Square Feet</i>	
Glass greenhouses	4,104	3,750
Fiberglass & other rigid	2,608	2,531
Film plastic (single/multi)	15,987	15,921
TOTAL GREENHOUSE COVER	22,699	22,202
Shade and temporary cover	290	482
TOTAL COVERED AREA	22,989	22,684
	<i>Acres</i>	
Open ground	579	633

Pennsylvania: Growing Area by Type of Cover,  
All Operations with \$100,000+ Sales, 2004-2005

Type of Cover	2004	2005
	<i>Number</i>	
Total number of growers	228	230
	<i>1,000 Square Feet</i>	
Glass greenhouses	3,533	3,246
Fiberglass & other rigid greenhouses	1,863	1,652
Film plastic (single/multi) greenhouses	11,768	11,613
TOTAL GREENHOUSE COVER	17,164	16,511
Shade and temporary cover	205	349
TOTAL COVERED AREA	17,369	16,860
	<i>Acres</i>	
Open ground	304	314

Pennsylvania: Floriculture Crops - Wholesale Value of Sales  
by Category for Operations with \$100,000+ Sales, 2004-2005

Category	2004	2005
	<i>1,000 Dollars</i>	
Total cut flowers	2,482	2,071
Total potted flowering plants	41,081	39,430
Total foliage for indoor or patio use	3,756	3,717
Total bedding/garden plants <sup>1</sup>	85,374	78,605
Annual bedding/garden plants	68,513	59,428
Herbaceous perennial plants	16,861	19,177
Propagative materials	24,356	23,871
TOTAL wholesale value (reported crops)	157,049	147,694

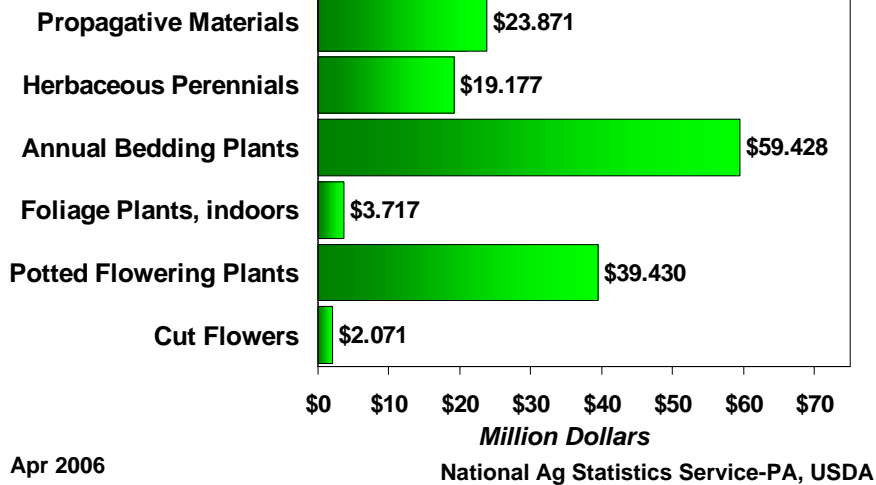
<sup>1</sup> Includes annual bedding plants and herbaceous perennials.



## PA Floriculture Crops, 2005

### Wholesale Value of Sales = \$147.7 million

From 230 Farms with  
\$100,000+ Sales



Pennsylvania: Cut Flowers - Producers, Quantity Sold, Price and Value for Operations with \$100,000+ Sales, 2004-2005

Type	Year	Producers	Quantity Sold	Percent of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale <sup>1</sup>
	<i>Number</i>	<i>Number</i>	<i>1,000 Bunches</i>	<i>Percent</i>	<i>Dols. per Bunch</i>	<i>1,000 Dollars</i>
Chrysanthemums, pompon	2004	6	16	26	2.16	35
	2005	5	7	30	2.14	15
Snapdragons <sup>2</sup>	2004	10	<i>1,000 Spikes</i> 618	97	<i>Cents per Spike</i> 54.1	334
	2005	5	<i>1,000 Stems</i> 32	44	<i>Cents per Stem</i> 44.7	14
Iris	2004	6	32	42	41.9	13
	2005	5	32	44	44.7	14
Lisianthus <sup>2</sup>	2005	4	37	38	70.7	26
Roses, all <sup>2</sup>	2004	4	1,863	77	45.5	848

<sup>1</sup> Equivalent wholesale value of all sales. <sup>2</sup> Values not published for other years.

Pennsylvania: Potted Flowering Plants - Producers and Pots Sold for Operations with \$100,000+ Sales, 2004-2005

Flower Type	Producers		Quantity Sold				Percent of Sales at Wholesale		Wholesale Price				Value of All Sales at Wholesale <sup>1</sup>	
	2004	2005	Less Than 5 Inch		5 Inch or More		2004	2005	Less Than 5 Inch		5 Inch or More		2004	2005
			2004	2005	2004	2005			2004	2005	2004	2005		
	Number		1,000 Pots				Percent		Dollars per Pot				1,000 Dollars	
African violets	13	10	396	363	-	-	99	99	1.07	1.01	-	-	423	367
Finished florist azaleas <sup>2 3</sup>	27	24	-	3	67	41	87	87	-	2.56	3.87	5.38	259	228
Florist chrysanthemums	69	64	442	374	800	321	95	92	2.79	3.09	3.86	3.26	4,321	2,202
Easter lilies <sup>2 3</sup>	74	72	-	-	789	749	95	95	-	-	3.39	3.47	2,675	2,600
Poinsettias	140	123	662	1,048	3,069	2,864	90	91	1.52	1.67	4.08	3.94	13,528	13,034
Florist roses <sup>2 3</sup>	10	9	25	-	5	7	87	35	2.05	-	3.23	6.08	67	43
Spring flowering bulbs	79	68	521	551	967	1,093	92	95	1.36	1.38	3.53	2.83	4,122	3,854
Other potted flowering plants	81	69	2,473	2,445	4,036	4,274	96	98	1.31	1.39	2.97	3.09	15,227	16,605

<sup>1</sup> Equivalent wholesale value of all sales. <sup>2</sup> Pot sizes have been combined to avoid disclosure of individual operations. <sup>3</sup> Pot price is a weighted average of all pots reported to avoid disclosure of individual operations.

Pennsylvania: Foliage Plants for Indoor or Patio Use, Potted Foliage - Producers, Quantity Sold, Price and Value for Operations with \$100,000+ Sales, 2004-2005

Producers		Percent of Sales at Wholesale		Value of Sales at Wholesale <sup>1</sup>	
2004	2005	2004	2005	2004	2005
<i>Number</i>	<i>Number</i>	<i>Percent</i>		<i>1,000 Dollars</i>	
34	33	81	79	2,753	2,633

<sup>1</sup> Equivalent wholesale value of sales.

**Pennsylvania: Foliage Plants for Indoor or Patio Use Foliage Hanging Basket - Producers,  
Quantity Sold, Price and Value for Operations with \$100,000 + Sales, 2004-2005**

Producers		Total Quantity Sold		Percent of Sales at Wholesale		Wholesale Price		Value of Sales at Wholesale	
2004	2005	2004	2005	2004	2005	2004	2005	2004	2005
<i>Number</i>		<i>1,000 Baskets</i>		<i>Percent</i>		<i>Dollars Per Basket</i>		<i>1,000 Dollars</i>	
69	74	262	248	91	91	3.83	4.37	1,003	1,084

**Pennsylvania: Potted Herbaceous Perennials - Price and Value  
for Operations with \$100,000+ Sales, 2004-2005**

Flower Type	Year	Producers	Quantity Sold					Percent of Sales at Wholesale	Wholesale Price					Value of All Sales at Wholesale <sup>1</sup>
			Less Than 5 Inch	5 Inch or More	Less Than 1 Gallon	1 to 2 Gallon	2 Gallon & Larger		Less Than 5 Inch	5 Inch or More	Less Than 1 Gallon	1 to 2 Gallon	2 Gallon & Larger	Total
	<i>Number</i>	<i>Number</i>	<i>1,000 Pots</i>					<i>Percent</i>	<i>Dollars Per Pot</i>					<i>1,000 Dols</i>
Hardy/garden Chrysanthemum	2004	136	628	2,944	-	-	-	83	1.50	2.00	-	-	-	6,830
	2005	140	295	3,031	-	-	-	82	1.14	2.10	-	-	-	6,701
Hosta	2004	86	-	-	2	306	2	85	-	-	3	3.49	3	1,067
	2005	79	-	-	42	89	34	80	-	-	2.86	4.35	5.15	682
Other herbaceous Perennials	2004	114	-	-	2,127	1,401	115	85	-	-	1.78	3.14	6.77	8,964
	2005	128	-	-	2,249	2,097	168	83	-	-	1.83	3.20	5.76	11,794

<sup>1</sup> Equivalent wholesale value of all sales. <sup>2</sup> Pot sizes have been combined to avoid disclosure of individual operations. <sup>3</sup> Pot price is a weighted average of all pots reported to avoid disclosure of individual operations.

**Pennsylvania: Annual Bedding/Garden Plants Flats (Only) - Producers, Quantity Sold,  
Price and Value for Operations with \$100,000+ Sales, 2004-2005**

Annual Bedding/ Garden Plants	Year	Producers	Total Quantity Sold	Percent of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale <sup>1</sup>
<i>Flats (ONLY)</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Flats</i>	<i>Percent</i>	<i>Dollars per Flat</i>	<i>1,000 Dollars</i>
Begonias	2004	139	145	64	8.26	1,198
	2005	142	163	74	7.37	1,201
Geraniums from vegetative cuts	2004	12	11	37	11.26	124
	2005	12	23	91	15.10	347
Geraniums from seed	2004	17	13	46	10.85	141
	2005	16	7	73	10.54	74
New Guinea Impatiens	2004	11	33	68	9.45	312
	2005	11	42	69	8.45	355
Impatiens	2004	151	633	80	8.35	5,286
	2005	149	560	77	7.56	4,234
Marigolds	2004	146	255	80	8.83	2,252
	2005	150	268	81	8.18	2,192
Pansy/Viola	2004	150	279	81	8.67	2,419
	2005	148	304	83	8.22	2,499
Petunias	2004	161	359	75	8.46	3,037
	2005	160	407	78	8.11	3,301
All other flowering & foliar plants	2004	143	898	78	8.63	7,750
	2005	148	713	69	7.12	5,077
Vegetative type bedding plants	2004	144	259	73	8.00	2,072
	2005	146	243	68	6.92	1,682

<sup>1</sup> Equivalent wholesale value of all sales.

**Pennsylvania: Annual Bedding/Garden Plants Potted (Only) - Producers, Quantity,  
Price and Value for Operations with \$100,000+ Sales, 2004-2005**

Annual Bedding/Garden Plants	Year	Producers	Quantity Sold		Total	Percent of Sales at Wholesale	Wholesale Price		Value of Sales at Wholesale <sup>1</sup>
			Less Than 5 Inch	5 Inch or More			Less Than 5 Inch	5 Inch or More	
<i>Potted Plants (ONLY)</i>		<i>Number</i>	<i>1,000 Pots</i>			<i>Percent</i>	<i>Dollars Per Pot</i>		<i>1,000 Dols.</i>
Begonias	2004	81	363	76	439	85	0.94	1.52	457
	2005	88	405	94	499	83	1.18	1.95	661
Geraniums from vegetative cuts	2004	169	3,792	607	4,399	81	1.41	2.66	6,961
	2005	165	2,879	667	3,546	76	1.44	2.93	6,100
Geraniums from seed <sup>2 3</sup>	2004	56	2,232	44	2,276	94	0.74	1.03	1,697
	2005	56	1,851	-	1,851	91	0.83	-	1,527
New Guinea Impatiens	2004	156	1,031	276	1,307	76	1.36	2.33	2,045
	2005	153	956	126	1,082	73	1.54	2.71	1,814
Impatiens	2004	65	536	175	711	93	0.84	2.70	923
	2005	61	365	156	521	89	0.72	2.87	711
Marigolds	2004	48	201	86	287	87	0.78	1.42	279
	2005	44	176	53	229	91	0.82	1.60	229
Pansy/Viola	2004	41	496	168	664	93	0.72	2.38	757
	2005	43	1,450	126	1,576	97	0.71	2.73	1,373
Petunias	2004	84	627	473	1,100	92	0.72	1.95	1,374
	2005	94	1,023	357	1,380	91	0.98	2.27	1,813
All other flowering & foliar plants	2004	119	6,490	2,329	8,819	93	0.92	3.37	13,820
	2005	113	4,660	1,761	6,421	90	0.96	3.26	10,214
Vegetative type bedding plants	2004	91	1,346	266	1,612	87	0.97	1.49	1,702
	2005	89	1,077	260	1,337	82	1.10	2.04	1,715

<sup>1</sup> Equivalent wholesale value of all sales. <sup>2</sup> Pot sizes have been combined to avoid disclosure of individual operations. <sup>3</sup> Pot price is a weighted average of all pots reported to avoid disclosure of individual operations.

**Pennsylvania: Annual Bedding/Garden Plants Hanging Baskets (Only) - Producers,  
Quantity Sold, Price and Value for Operations with \$100,000+ Sales, 2004-2005**

Annual Bedding/Garden Plants	Year	Producers	Total Quantity Sold	Percent of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale <sup>1</sup>
<i>Hanging Baskets (ONLY)</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Baskets</i>	<i>Percent</i>	<i>Dols. per Basket</i>	<i>1,000 Dollars</i>
Begonias	2004	92	86	69	5.61	482
	2005	93	108	72	4.95	535
Geraniums from vegetative cuts	2004	118	316	86	6.67	2,108
	2005	117	185	74	6.61	1,223
Geraniums from seed	2004	10	4	30	7.32	29
	2005	6	7	84	5.58	39
New Guinea Impatiens	2004	117	276	88	5.82	1,606
	2005	124	263	84	6.26	1,646
Impatiens	2004	93	197	90	4.18	823
	2005	96	221	88	4.12	911
Pansy/Viola	2004	36	30	89	6.68	200
	2005	38	36	87	6.51	234
Petunias	2004	109	271	84	5.63	1,526
	2005	125	253	80	5.88	1,488
All other flowering & foliar plants	2004	131	1,294	77	5.51	7,130
	2005	128	1,108	74	5.62	6,227

<sup>1</sup> Equivalent wholesale value of all sales.

**Pennsylvania: Propagative (Unfinished) Floriculture Material - Total Value of Sales  
by Category for Operations with \$100,000+ Sales, 2004-2005**

Year	Potted Flowering Plants	Annual Bedding/ Garden Plants
	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
2004	723	7,502
2005	718	3,212

<sup>1</sup> Missing data were not included in order to avoid disclosure of individual operators.